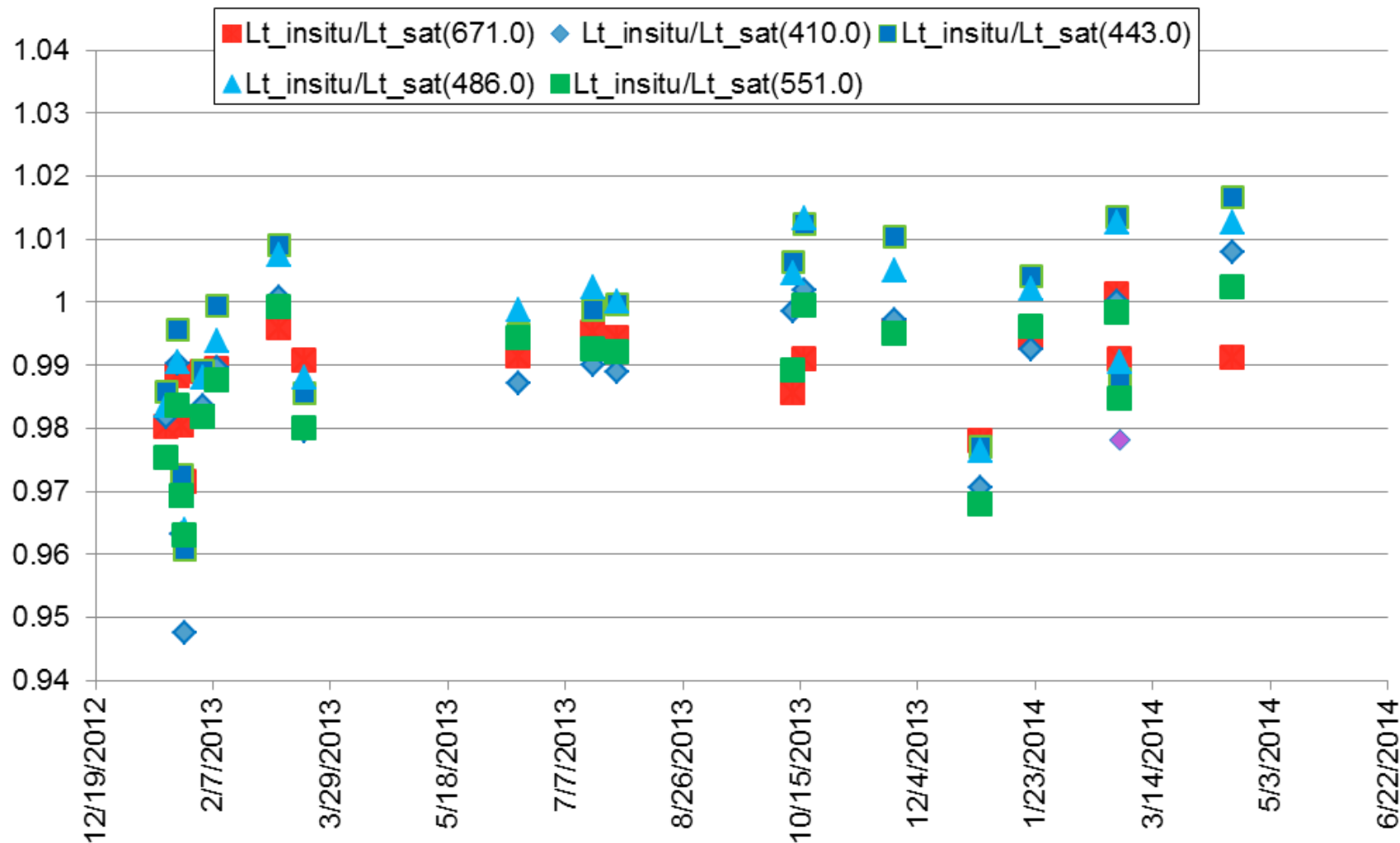
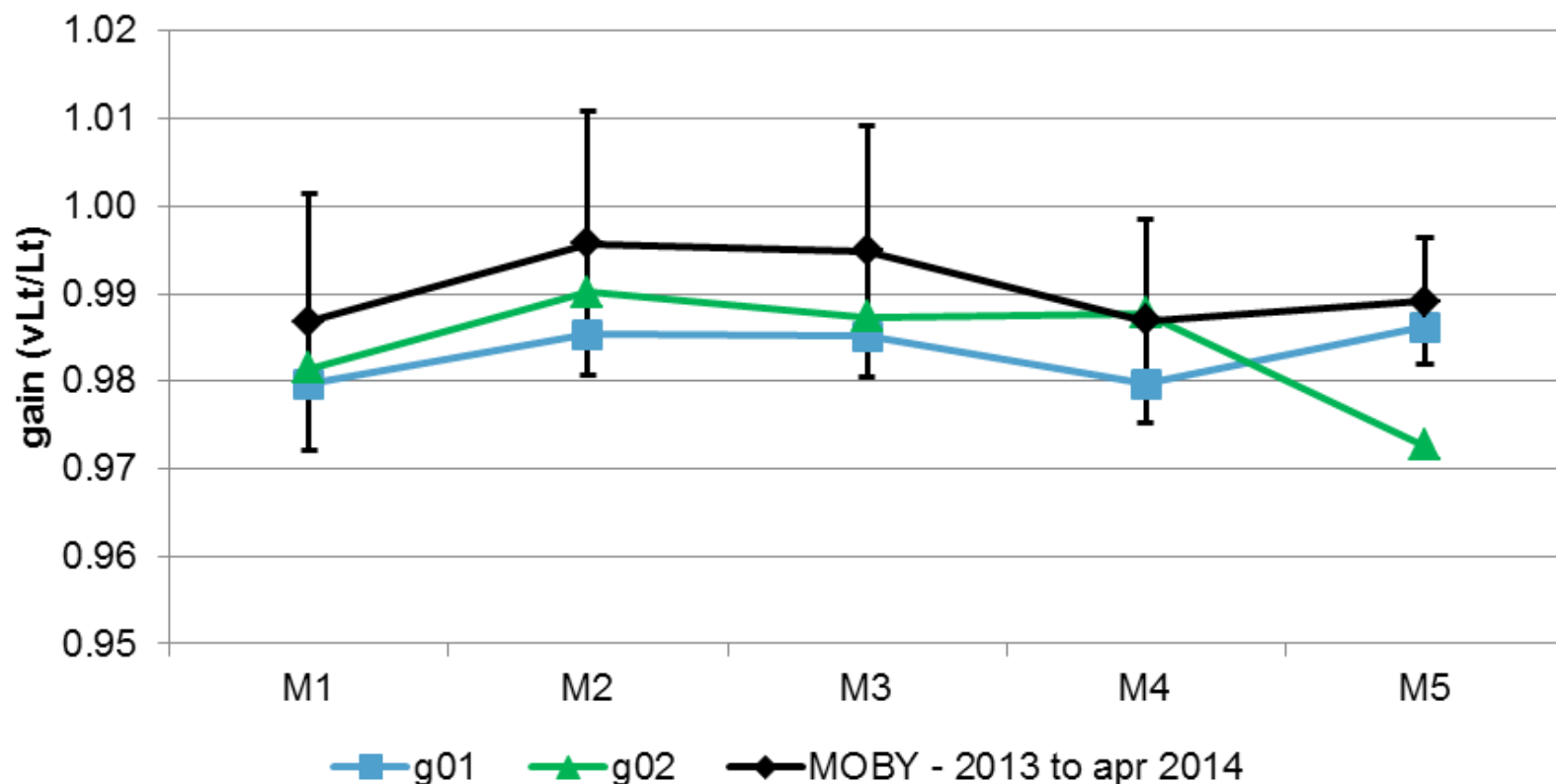


ViCal Gain time series MOBY 2013 to April 2014



ViCal Gain comparisons



	M1	M2	M3	M4	M5
MOBY Jan2013 to Apr 2014	0.9868	0.9957	0.9949	0.9869	0.9891
stdev	0.0147	0.0150	0.0143	0.0116	0.0072
MOBY g01 jan 2012 to Mar 2013	0.9797	0.9854	0.9852	0.9797	0.9862
Sdev	0.0147	0.0132	0.0118	0.0096	0.0061
WCIS g02: July 1, 2013 to Mar 20, 2014	0.9814	0.9902	0.9873	0.9878	0.9726
stdev	0.0187	0.0212	0.0221	0.0205	0.0181

Issues to resolve

1. The 2014 MOBY data included in analysis is of questionable quality. Removing them would remove 4 matchups, putting us down to 15 matchups in the ViCal. Remember 20-40 matchups are needed to achieve stability.
2. FYI, those 4 matchups lift the average closer to 1.
3. To calculate a new ViCal for MOBY, should we add the 2012 and 2013 data sets together? The issues here is we know the SDR has not been stable. Its been the “best available at the time”. By process only, we would just put it all together and know that the uncertainty in the SDR is included in the uncertainty of the average gain. But by considering assumptions, we would remove where the system has known instability.
4. The 2012 data was processed with APS v 4.10, the 2013 data was processed with v5.4. We intend to reprocess the 2012 data with V5.4 to remove software/processing discrepancies from contributing to the gain uncertainty. Thoughts??